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D4776-1

Job Sheet 188291



Part No: D4776-1

Job Qty: 10 pcs

Part Name: Basket Strut Clevis



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/7/19

Job Tracking No:

Due Date: 1/18/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG D4776 REV.E IPP REV:A 13.02.28 NEW ISSUE DD VERF:JFS IPP REV:B 13.09.26 AS PER REV.B
DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Doosan - 1	10 pcs		1/18/19	0.54	5.32	Doosan - 1		
105	QC 2	10 pcs		1/18/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 38		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 54		
							QC 2 - 56		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

111 QC 8	10 pcs	1/18/19	0.00 0.00	QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 38	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
112 Handfinish - 1-1 Chemical-B4B	10 pcs	1/18/19	0.00 0.29	Handfinish - 1 - 1 - B4B	KE 2019-01-13
				Handfinish - 1 - 2 - B4B	
				Handfinish - 1 - 3 - B4B	
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	D.R 19/01/19
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	
				Handfinish - 1 - 15 - B4B	
				Handfinish - 1 - 16 - B4B	
				Handfinish - 1 - 17 - B4B	
				Handfinish - 1 - 18 - B4B	
				Handfinish - 1 - 19 - B4B	
				Handfinish - 1 - 20 - B4B	
				Handfinish - 1 - 21 - B4B	
113 QC 7	10 pcs	1/18/19	0.00 0.00	2Handfinish - 1 - 22 - B4B	
				QC 7 - 10	
				QC 7 - 13	
				QC 7 - 14	
				QC 7 - 15	
				QC 7 - 17	
				QC 7 - 18	
				QC 7 - 19	
				QC 7 - 2	
				QC 7 - 28	
				QC 7 - 3	
				QC 7 - 30	
				QC 7 - 34	
				QC 7 - 36	
				QC 7 - 37	
				QC 7 - 38	
				QC 7 - 41	

Entered: _____ Date: _____



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Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
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Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

				QC 7 - 47	
				QC 7 - 48	
				QC 7 - 51	
				QC 7 - 58	
				QC 7 - 59	BEB 19-01-14
				QC 7 - 6	
				QC 7 - 60	
				QC 7 - 9	
				QC 7 - 68	
				QC 7 - 50	
				QC 7 - 67	
115 Powdercoat - 1 White Gl(A) -B4B	10 pcs	1/18/19	0.00 0.12	Powdercoat - 1 - B4B	BEB 19-01-16
				Powdercoat - 2 - B4B	
				Powdercoat - 3 - B4B	
				Powdercoat - 4 - B4B	
116 QC 3	10 pcs	1/18/19	0.00 0.00	QC 3 - 10	
				QC 3 - 13	
				QC 3 - 15	
				QC 3 - 17	
				QC 3 - 18	
				QC 3 - 2	
				QC 3 - 26	
				QC 3 - 28	
				QC 3 - 3	
				QC 3 - 30	
				QC 3 - 34	
				QC 3 - 36	DAS
				QC 3 - 38	36
				QC 3 - 41	9-89
				QC 3 - 51	
				QC 3 - 58	
				QC 3 - 59	
				QC 3 - 6	
				QC 3 - 68	
				QC 3 - 9	
130 Packaging 3-1 - Stock - B4B	10 pcs	1/18/19	0.00 0.00	Packaging 3 - 1 - B4B	5/17 JAN 18 2019
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	

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				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					

				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	DAS 21
				Packaging 3 - 36 - B4B	
140 QC 21 - SA	10 pcs	1/18/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	

Part Op 100 - (Doosan Lathe) 1- Turn as per Folio FB167 Rev: _____ & Dwg D4776 Rev: _____ 2 -Deburr per dwg D4776
 Descriptions: 105 - (QC2- Inspect parts off machine FAI/FAIB)
 111 - (QC8- Inspect parts - second check)
 112 - (Chemical Conversion Coat per QSI005 4.1)
 113 - (QC7-Inspect Chemical Conversion Coat)
 115 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) MASK .403 ROUND SECTION AS PER DWG START TIME: 11:35 OVEN TEMPERATURE: 320° FINISH TIME: 12:05
 116 - (QC3- Inspect Part Finish)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R1.500	6061-T6 Round Bar 1.50	2.9000 ft (-29 ea)	100-Doosan - 1	SOS2637

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Doosan - 1	M6061T6R1.500	3	7	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Basket Strut Clevis	0.880Inches ± 0.030	0.910 0.850	.P8	
2	Basket Strut Clevis	0.438Inches ± 0.010	0.448 0.428	.44	
3	Basket Strut Clevis	0.380Inches ± 0.030	0.410 0.350	.3815	
4	Basket Strut Clevis	0.625Inches ± 0.010	0.635 0.615	.626	
5	Basket Strut Clevis	1.750Inches ± 0.030	1.780 1.720	1.7505	
6	Basket Strut Clevis	3.500Inches ± 0.030	3.530 3.470	3.5005	
7	Basket Strut Clevis	45.000Degrees ± 0.500	45.500 44.500	45° Angle	
8	Basket Strut Clevis	0.030Inches ± 0.030	0.060 0.000	.030	
9	Basket Strut Clevis	0.060Inches ± 0.030	0.090 0.030	.062 Radius	
10	Basket Strut Clevis	0.196Inches + 0.006 - 0.001	0.202 0.195	.197 Diameter	
11	Basket Strut Clevis	0.261Inches + 0.006 - 0.001	0.267 0.260	.263 Diameter	
12	Basket Strut Clevis	0.410Inches ± 0.030	0.440 0.380	.413 Radius	
13	Basket Strut Clevis	1.130Inches ± 0.030	1.160 1.100	1.13	
14	Basket Strut Clevis	0.188Inches ± 0.010	0.198 0.178	.187	

Entered: _____ Date: _____



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Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

15	Basket Strut Clevis	0.190Inches ± 0.030	0.220 0.160	.19
16	Basket Strut Clevis	0.500Inches ± 0.030	0.530 0.470	.501
17	Basket Strut Clevis	0.750Inches ± 0.010	0.760 0.740	.75
18	Basket Strut Clevis	0.403Inches + 0.000 - 0.005	0.403 0.398	.400 Diameter
19	Basket Strut Clevis	0.130Inches ± 0.030	0.160 0.100	R1/8 Radius
20	Basket Strut Clevis	0.750Inches + 0.010 - 0.000	0.760 0.750	.7555
21	Basket Strut Clevis	0.160Inches ± 0.030	0.190 0.130	.16
22	Basket Strut Clevis	45.000Degrees ± 0.500	45.500 44.500	45 Angle

Plex 1/7/19 12:29 PM Dart.lajeunesse.marie

Entered: _____ Date: _____



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Date : _____				MRB (QSI042)	
Disposition				Completed By	
Lead hand / Supervisor				QC / QA Coordinator	
DART AEROSPACE Container No: S144271 Part: D4776 - 1 Job No: 188291 Serial No/Batch: S144271 Revision: E Inspector: _____ Exp Date: _____ Instructions: Various STC's Date: 01/11/19		FAULT CATEGORY ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐		Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐	
		Other/Details:			